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Information Services

The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

Agricultural Economics
Animal Breeding & Genetics
Animal Health
Dairy Science & Technology
Nutrition
Pastures & Field Crops
Crop Protection
Horticulture & Plantation Crops
Plant Breeding & Genetics
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Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services worldwide.

Scientific Services

CABI's Scientific Services consist of four Institutes and two support services:

CAB International Institute of Entomology (CIE), Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

CAB International Mycological Institute (CMI), Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

CAB International Institute of Parasitology (CIP), Director Dr R. Muller, located at Winches Farm, St. Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

CAB International Institute of Biological Control (CIBC), Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

Development Services (CDS), Head Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services.

Library Services, Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

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The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including the four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilities. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and PAGER for typesetting and information retrieval.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

CAB INTERNATIONAL INFORMATION SERVICES
PRODUCTS AND SERVICES

Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

HARD COPY PRODUCTS

Abstract journals

The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

Animal Science and Production
Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts & Reviews, Series B-Livestock Feeds & Feeding; Pig News & Information; Poultry Abstracts.

Veterinary Science and Parasitic Diseases
Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.

Crop Science and Production
Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Sugar Industry Abstracts; Wheat, Barley & Triticale Abstracts.

Forestry
Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.

Crop Protection
Biocontrol News & Information; Nematological Abstracts; Review of Agricultural Entomology; Review of Plant Pathology; Weed Abstracts.

Economics, Development and Sociology
Leisure, Recreation & Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics & Rural Sociology Abstracts.

Machinery and Buildings
Agricultural Engineering Abstracts.

Human Nutrition
Nutrition Abstracts & Reviews, Series A-Human & Experimental.

Biotechnology/Biodeterioration
AgBiotech News & Information; Biodeterioration Abstracts.

Also published is a series of current awareness publications (CAB Prompts) on specific crops. Subject indexes are not provided. Titles in the series so far are: *Groundnuts* and *Chickpeas/Pigeonpeas*. In addition, many retrospective compilations of abstracts (Annotated Bibliographies) on various topics are available on demand.

SDI Service

SDI (Selective Dissemination of Information) is a regular current awareness service based on the most recent input to the database. Subscribers decide their own search profile and receive search results at intervals of their choice, either as computer printout or on floppy discs suitable for most microcomputers. Delivery by airmail.

CAB Alerts

This is a special SDI service providing subscribers each month with the search results from standard profiles chosen by CABI. Numerous titles are available and the list is regularly updated to reflect new subject interests. Output is available on computer printout posted by airmail.

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The machine-readable database, known as CAB ABSTRACTS, is publicly accessible online through DIALOG Information Services (USA), BRS Information Technologies (USA), ESA-IRS (Italy), DIMDI (GFR), JICST (Japan), CAN-OLE (Canada) and Tsukuba Daigaku (Japan). The whole database back to 1973 contains over 2 million records. Search aids include the CAB ABSTRACTS Online Manual, the CAB Thesaurus (1988 Edition) and the CAB International Serials Checklist (1988).

CAB ABSTRACTS on Compact Disc

The database is also available on CD-ROM (Compact Disc Read Only Memory). Volume one contains bibliographic citations and abstracts for 1984-86; the second volume contains the 1987-89 data. CD-ROM technology provides an online search capability without the worries of cost or telecommunication problems. An IBM or fully IBM-compatible PC, 640 K RAM, MS-DOS or PC-DOS version 2.1 or higher, and a CD-ROM player are needed. The SPIRS (SilverPlatter Information Retrieval System) software allows maximum search flexibility.

Magnetic tapes

Organizations with access to mini or mainframe computers may lease all or part of CAB ABSTRACTS on magnetic tape. Update tapes are issued monthly, and retrospective tapes as required.

OTHER PRODUCTS AND SERVICES

Document Delivery Service

Photocopies of originals of most articles included in the database are available from CABI Library Services, Silwood Park, Ascot, UK. Documents may also be ordered online via DIALOG's DIALORDER or ESA/IRS's PRIMORDIAL.

Books and serial publications

CABI publishes authoritative reference books, directories and serial publications, the latter including *Bulletin of Entomological Research, Outlook on Agriculture, Index of Current Research on Pigs, Distribution Maps of Pests, Distribution Maps of Plant Diseases, Bibliography of Systematic Mycology, Descriptions of Pathogenic Fungi & Bacteria, Index of Fungi,* and *Systema Ascomycetum*. CABI is a co-sponsor of the International Food Information Service which publishes *Food Science & Technology Abstracts.*

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Abbreviations

a.e.	acid equivalent	LC	lethal concentration
a.i.	active ingredient	LD	lethal dose
conc.	concentrated	OM	organic matter
concn	concentration(s)	post-em	post-emergence
DM	dry matter	pre-em	pre-emergence
DW	dry weight	RH	relative humidity
e.c.	emulsifiable concentrate	SEM	scanning electron microscope
ED	effective dose	TEM	transmission electron microscope
EM	electron microscope	ULV	ultra-low volume
FW	fresh weight	w.p.	wettable powder

Compounds not yet given an approved name will be indexed under their chemical name. The common names given in the index will be in accordance with those listed for use in *Weed Abstracts*.

Use of a.i., a.e. etc. Unless otherwise stated, rates of application for growth-regulator herbicides such as 2,4-D, MCPA, fenoprop, dalapon, the benzoics etc. are given as the acid equivalent. Rates for other herbicides such as the ureas, carbamates, triazines, etc. are given as the active ingredient. Rates for the bipyridyls refer to the cation only.

Languages

An initial capital denotes the language of the paper, an initial small letter the language of the summary.

Afrikaans	Af	French	Fr	Norwegian	No
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LIST OF SERIALS ABSTRACTED

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Many other serials were scanned during 1989 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition.* The publication includes ISSNs and publishers' addresses. See a separate page of this Index for details.

Abhandlungen und Berichte des Naturkundemuseums Görlitz, German Democratic Republic
Abstracts on Field Beans (*Phaseolus vulgaris* L.)
Abstracts on Intercropping
ACS Symposium Series, American Chemical Society
Acta Academiae Agriculturae ac Technicae Olstenensis, Aedificatio et Mechanica
Acta Academiae Agriculturae ac Technicae Olstenensis, Agricultura
Acta Academiae Agriculturae ac Technicae Olstenensis, Protectio Aquarum et Piscatoria
Acta Academiae Medicinae Sinicae
Acta Agriculturae Shanghai
Acta Agriculturae Universitatis Jilinensis
Acta Agrobotanica
Acta Agronomica Hungarica
Acta Agronómica, Universidad Nacional de Colombia
Acta Botanica Fennica
Acta Botanica Hungarica
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Entomologica Bohemoslovaca
Acta Horticulturae
Acta Microbiologica Polonica
Acta Oecologica
Acta Oecologica, Oecologia Generalis
Acta Oecologica, Oecologia Plantarum
Acta Phytopathologica et Entomologica Hungarica
Acta Phytophylactica Sinica
Acta Phytophysiologica Sinica
Acta Scientifica, Vysoká Škola Zemědělská v Praze, Fakulta Agronomická v Českých Budějovicích
Acta Societatis Botanicorum Poloniae
Acta Universitatis Agriculturae Brno, A (Facultas Agronomica)
Advances in Horticultural Science
Advances in Research and Technology of Seeds
AE Research, Department of Agricultural Economics, Cornell University
AgBiotech News and Information
Agfacts
Agrartechnik, German Democratic Republic
Agribusiness Worldwide
Agricultura Técnica
Agricultura Técnica México
Agricultura, Spain
Agricultural and Biological Chemistry
Agricultural Engineer
Agricultural History
Agricultural News
Agricultural Research Journal of Kerala
Agricultural Research, USA
Agricultural Reviews
Agricultural Science Digest, India
Agriculture and Human Values
Agriculture International
Agriculture, Ecosystems and Environment
Agro Sur
Agro-Ciencia
Agrochémia
Agrochimica
Agrociencias
Agroforestry Systems
Agrokhimiya
Agronomía Tropical
Agronomie
Agronomy Journal
Agropecuária Catarinense
Agrotechnology Transfer
Agrotecnia de Cuba
Alexandria Journal of Agricultural Research
Allgemeine Forstzeitschrift
American Journal of Alternative Agriculture
American Journal of Botany
American Midland Naturalist
American Naturalist
American Potato Journal
American Review of Respiratory Disease
Analele Institutului de Cercetări pentru Cereale şi Plante Tehnice, Fundulea
Anales de Edafología y Agrobiología
Analyst
Analytica Chimica Acta
Analytical Chemistry
Analytical Letters
Angewandte Botanik
Annales de Gembloux
Annales de l'Institut Phytopathologique Benaki
Annales de la Société Belge de Médecine Tropicale
Annales de Recherches Vétérinaires
Annales des Falsifications de l'Expertise Chimique et Toxicologique
Annali della Facoltà di Agraria, Universita degli Studi di Perugia.
Annali della Facoltà di Medicina Veterinaria, Messina
Annali di Microbiologia ed Enzimologia
Annals of Agricultural Research
Annals of Agricultural Science, Ain Shams University
Annals of Applied Biology
Annals of Applied Nematology
Annals of Botany
Annals of Occupational Hygiene
Annals of the Entomological Society of America
Annals of the Missouri Botanical Garden
Annual Report, National Institute of Genetics, Japan
Annual Review of Entomology
Applied Agricultural Research
Applied and Environmental Microbiology
Applied Clay Science
Applied Engineering in Agriculture
Applied Entomology and Zoology
Applied Microbiology and Biotechnology
Applied Plant Science
Aquatic Botany
Aquatic Toxicology
Arab Gulf Journal of Scientific Research, B (Agricultural and Biological Sciences)
Arab Journal of Plant Protection
Arable Farming
Archiv für Acker- und Pflanzenbau und Bodenkunde
Archiv für Experimentelle Veterinärmedizin
Archiv für Hydrobiologie
Archiv für Phytopathologie und Pflanzenschutz
Archives of Biochemistry and Biophysics
Archives of Environmental Contamination and Toxicology
Arkansas Farm Research
Arroz
Articulação Pesquisa-Extensão, Empresa Capixaba de Pesquisa Agropecuária, Empresa de Assistência Técnica e Extensão Rural do Estado do Espírito Santo
ASA Special Publication, American Society of Agronomy
ASAE Publication, American Society of Agricultural Engineers
Asparagus Research Newsletter
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
Atmospheric Environment
Australasian Plant Pathology
Australian Entomological Magazine
Australian Journal of Agricultural Research
Australian Journal of Botany
Australian Journal of Ecology
Australian Journal of Experimental Agriculture
Australian Journal of Plant Physiology
Australian Plant Introduction Review
Australian Rangeland Journal
Australian Veterinary Journal
Austrobaileya
Bahçe
Banana Bulletin
Bangladesh Journal of Agriculture

Bayerisches Landwirtschaftliches Jahrbuch
Behavioral Ecology and Sociobiology
Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin
Belle Glade EREC Research Report
Berichte aus dem Fachgebiet Herbologie der Universität Hohenheim
Bhartiya Krishi Anusandhan Patrika
Bibliographie der Pflanzenschutzliteratur
Bio/Technology
Biochemical Genetics
Biochemical Journal
Biochemical Pharmacology
Biochemical Society Transactions
Biochemical Systematics and Ecology
Biochemie und Physiologie der Pflanzen
Biochemistry International
Biochimica et Biophysica Acta, B (Bioenergetics)
Biochimica et Biophysica Acta, C (Molecular Cell Research)
Biochimica et Biophysica Acta, M (Biomembranes)
Biologia Plantarum
Biológia, Czechoslovakia
Biological Agriculture and Horticulture
Biological Conservation
Biological Journal of the Linnean Society
Biological Wastes
Biology and Fertility of Soils
Biomass
Biotropia
Biuletyn Centralnego Laboratorium Pizemysłu Tytoniowego
Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
Blyttia
Boletim de Pesquisa, Centro de Pesquisa Agropecuária do Trópico Úmido, EMBRAPA, Brazil
Boletim Técnico do Instituto Florestal, São Paulo
Boletim Técnico, Programa de Pesquisa, Organização das Cooperativas do Estado do Paraná.
Boletín de Cultivos Tropicales
Boletín de Reseñas, Arroz
Boletín de Sanidad Vegetal, Plagas
Boletín Informativo de la Unidad de Semillas del CIAT
Boletín Técnico Forestal
Boletín Técnico, Instituto Nacional de Investigaciones Forestales, Mexico
Botanica Acta
Botanical Gazette
Botanical Journal of the Linnean Society
Botanicheskii Zhurnal
British Journal of Entomology and Natural History
British Journal of Industrial Medicine
British Reports, Translations and Theses
British Sugar Beet Review
BSES Bulletin, Bureau of Sugar Experiment Stations
Buletin Penelitian Hortikultura
Buletinul Informativ al Academiei de Ştiinţe Agricole şi Silvice
Bulletin Agronomique Antilles-Guyane
Bulletin d'Information CORESTA
Bulletin de l'Académie des Sciences Agricoles et Forestières, Romainia
Bulletin de la Société Botanique de France, Actualités Botaniques
Bulletin de la Société Botanique de France, Lettres Botaniques
Bulletin de la Société Royale de Botanique de Belgique
Bulletin of Entomological Research
Bulletin of Environmental Contamination and Toxicology
Bulletin of the Agricultural Research Institue of Kanagawa Prefecture
Bulletin of the Chugoku National Agricultural Experiment Station (Chugoku Nogyo Shikenjo Kenkya Hokoku)
Bulletin of the College of Agriculture, Utsunomiya University
Bulletin of the Ehime University Forest
Bulletin of the Faculty of Agriculture, Miyazaki University
Bulletin of the Fruit Tree Research Station, B (Okitsu), Japan
Bulletin of the Fruit Tree Research Station, D (Kuchinotsu), Japan
Bulletin of the University of Agricultural Sciences, Gödöllő
Bulletin of the World Health Organization
Bulletin of the Yamagata University (Agricultural Science)
Bulletin SROP
Bulletin Trimestriel de la Société Mycologique de France
Bulletin, Arkansas Agricultural Experiment Station, Arkansas University
Bulletin, Connecticut Agricultural Experiment Station
Bulletin, Mississippi Agricultural and Forestry Experiment Station
Bulletin, Shikoku National Agricultural Experiment Station
Byulleten' Vsesoyuznogo Instituta Gel'mintologii im. K.I. Skryabina
CABA-Verslag
Cahier des Journées Horticoles Ornementales
California Turfgrass Culture
Camellia Journal
Canadian Entomologist
Canadian Field-Naturalist
Canadian Journal of Botany
Canadian Journal of Chemistry
Canadian Journal of Forest Research
Canadian Journal of Microbiology
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Canadian Journal of Soil Science
Caribbean Plant Protection Newsletter
Cecidologia Internationale
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Cercetări Agronomice în Moldova
Cereal Chemistry
Cereal Research Communications
Chemistry and Industry
Chemosphere
Chinese Journal of Biological Control
Chinese Journal of Veterinary Medicine
Chromatographia
Ciencia Forestal
Ciencia y Técnica en la Agricultura, Arroz
Ciencia y Técnica en la Agricultura, Protección de Plantas
Ciencia y Técnica en la Agricultura, Tabaco
Ciencia y Tecnica en la Agricultura: Mecanización de la Agricultura Científica
Circular Técnica, Centro Nacional de Pesquisa de Arroz e Feijão, EMBRAPA, Brazil
Circular Técnica, Empresa Goiana de Pesquisa Agropecuária, EMBRAPA, Brazil
Citrus and Subtropical Fruit Journal
Clinical and Experimental Pharmacology & Physiology
Clinical Chemistry
Clinical Toxicology
Coconut Bulletin
Combined Proceedings, International Plant Propagators' Society
Commonwealth Forestry Review
Comparative Biochemistry and Physiology, C (Comparative Pharmacology and Tocxicology)
Comparative Biochemistry and Physiology, C (Comparative Pharmacology and Toxicology)
Compte Rendu des Essais, UNILEC, France
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Comptes Rendus de l'Académie d'Agriculture de France
Comunicaciones INIA Recursos Naturales
Comunicaciones INIA, Protección Vegetal
Comunicado Técnico, Empresa Goiana de Pesquisa Agropecuária, EMBRAPA
Contact Dermatitis
Contibuţil Botanice, Universitaea Cluj-Napoca, Grădina Botanică
Contribuciones del IICA a la Literatura Agrícola
Coton et Fibres Tropicales
CRC Critical Reviews in Biotechnology
CRC Critical Reviews in Microbiology
CRC Critical Reviews in Plant Sciences
Crop Production Science
Crop Protection
Crop Research, India
Crop Science
Crops
Cruciferae Newsletter
Cuaderno de Actualización Técnica, Estación Experimental Agropecuaria Manfredi
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Current Research Reporter, Mahatma Phule Agricultural University
Current Research, University of Agricultural Sciences, Bangalore
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Darwiniana
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Decheniana
Desertification Control Bulletin
Deutsche Baumschule
Deutscher Gartenbau
Difesa delle Piante
Dissertation Abstracts International, B (Sciences and Engineering)
DLG-Mitteilungen
Documentos, Centro Nacional de Pesquisa de Soja, EMBRAPA
Doklady Biochemistry
Doklady Vsesoyuznoĭ Akademii Sel'skokhozyaĭstvennykh Nauk
Doklady Vsesoyuznoĭ Ordena Lenina i Ordena Trudovogo Krasnogo Znameni Akademii Sel'skokhozyaĭstvennykh Nauk imeni V. I. Lenina
Down to Earth
East African Agricultural and Forestry Journal
Ecological Bulletins
Ecological Entomology
Ecological Modelling
Ecological Monographs
Ecology, USA
Economic Botany

Ecotoxicology and Environmental Safety
Ege Üniversitesi Ziraat Fakültesi Dergisi
Eisei Kagaku
Ekologia Polska
Ekológia, ČSSR
EMBO Journal
Energy in World Agriculture
Entomography
Entomologia Experimentalis et Applicata
Entomologica Scandinavica
Entomological News
Êntomologicheskoe Obozrenie
Entomologische Nachrichten und Berichte
Entomology Circular, Division of Plant Industry, Florida Department of Agriculture and Consumer Services
Entomon
Entomophaga
Environment and Ecology
Environmental and Experimental Botany
Environmental Conservation
Environmental Entomology
Environmental Health Criteria
Environmental Pollution
Environmental Research
Environmental Science and Technology
Environmental Toxicology and Chemistry
Equine Veterinary Journal
Erdészeti Kutatások
Etudes et Syntheses de L'IEMVT
Euphytica
EUR Report, Commission of the European Communities
Evolution
Extension Bulletin, Cooperative Extension, College of Agriculture, Washington State University
FABIS Newsletter, Faba Bean Information Service, ICARDA
Far Eastern Agriculture
Farm and Food Research
Farm Chemicals International
Farmers' Newsletter, Horticulture
Farmers' Newsletter, Large Area
Farming in South Africa
FCAP Nota Prévia, Faculdade de Ciências Agrárias do Pará, Brazil
FEBS Letters
Field Crops Research
Fitopatologia Brasileira
Fitoterapia
Fiziologiya i Biokhimiya Kul'turnykh Rasteniĭ
Fiziologiya Rasteniĭ
Flora, German Democratic Republic
Florida Entomologist
Folia Geobotanica et Phytotaxonomica
Folia Microbiologica
FONAIAP Divulga
Forensic Science International
Forest Ecology and Management
Forest Research Note, Forestry Division, Solomon Islands
Forest Science
Forst- und Holzwirt
Fortschrittsberichte für die Landwirtschaft und Nahrungsgüterwirtschaft
Fourrages
Fragmenta Balcanica Musei Macedonici Scientiarum Naturalium
Fragmenta Floristica et Geobotanica
Fragmenta Herbologica Jugoslavica
Fresenius' Zeitschrift für Analytische Chemie
Fruit Belge
Fruitteelt
Fukuoka-ken Nogyo Sogo Shikenjo Kenkyu Hokoku, A, Sakumotsu
Functional Ecology
Fundamental and Applied Toxicology
Gaceta Agronómica
Garden, UK
Garden, USA
Gardens' Bulletin
Gartenbau
Gb + Gw
Gemüse
Gene
General Technical Report, Intermountain Research Station, USDA Forest Service
General Technical Report, Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
Genetica
Genetica Agraria
Genetica Polonica
Genetika i Selektsiya
Genetika, USSR
Genetika, Yugoslavia
Genome
Gesunde Pflanzen
Gewasbescherming
Giessener Beiträge zur Entwicklungsforschung, I (Symposien)
Gorsko Stopanstvo Gorska Promishlenost
Grana
Grass and Forage Science
Great Basin Naturalist
Great Lakes Entomologist
Groenten en Fruit
Ground Water
Gujarat Agricultural University Research Journal
Gunma Journal of Agricultural Research, A (General)
Harvest
Haryana Agricultural University Journal of Research
Haryana Journal of Horticultural Sciences
Haryana Kheti
Hassadeh
Herba Hungarica
Hercynia
Heredity
Hilgardia
Hodowla Roślin, Aklimatyzacja i Nasiennictwo
Hojas Divulgadoras, Ministerio de Agricultura, Pesca y Alimentación, Spain
HortScience
Human Toxicology
Hydrobiologia
Hydrobiological Journal
IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans
IDIA
Illinois Research
Index to Theses Accepted for Higher Degrees in the Universities of Great Britain and Ireland
Indian Agriculturist
Indian Farming
Indian Journal of Agricultural Chemistry
Indian Journal of Agricultural Research
Indian Journal of Agricultural Sciences
Indian Journal of Agronomy
Indian Journal of Ecology
Indian Journal of Entomology
Indian Journal of Experimental Biology
Indian Journal of Forestry
Indian Journal of Horticulture
Indian Journal of Mycology and Plant Pathology
Indian Journal of Natural Rubber Research
Indian Journal of Nematology
Indian Journal of Plant Pathology
Indian Journal of Plant Physiology
Indian Journal of Pulses Research
Indian Journal of Range Management
Indian Phytopathology
Indian Veterinary Journal
Informatore Agrario
Informatore Fitopatologico
Informe Agropecuário
Informe de Investigación, División de Ciencias Agropecuarias y Maritimas, Instituto Tecnologico y de Estudios Superiores de Monterrey, Mexico
International Biodeterioration
International Journal of Acarology
International Journal of Animal Sciences
International Journal of Biometeorology
International Journal of Environmental Analytical Chemistry
International Nematology Network Newsletter
International Rice Research Newsletter
International Tree Crops Journal
Internationale Zeitschrift der Landwirtschaft
Investigación Agraria, Producción y Protección Vegetales
Iowa State Journal of Research
Iranian Journal of Plant Pathology
Iraqi Journal of Agricultural Sciences, 'ZANCO'
Israel Journal of Veterinary Medicine
ITE Symposium, Institute of Terrestrial Ecology, Natural Environment Research Council, UK
ITEA (Information Tecnica Economica Agraria).
Izvestiya Timiryazevskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Izvestiya Vysshikh Uchebnykh Zavedeniĭ, Lesnoĭ Zhurnal
Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Ecology
Japanese Journal of Tropical Agriculture
JAPCA
JARQ (Japan Agricultural Research Quarterly)
Jiangsu Nongye Kexue
Journal d'Agriculture Traditionnelle et de Botanique Appliquée
Journal of Agricultural and Food Chemistry
Journal of Agricultural and Food Science
Journal of Agricultural Entomology
Journal of Agricultural Research of China
Journal of Agricultural Science, UK
Journal of Agriculture and Water Resources Research, Plant Production

Journal of Agriculture of the University of Puerto Rico
Journal of Agronomy and Crop Science
Journal of Analytical Chemistry of the USSR
Journal of Analytical Toxicology
Journal of Animal Ecology
Journal of Applied Bacteriology
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Seed Production
Journal of Applied Toxicology
Journal of Aquatic Plant Management
Journal of Arachnology
Journal of Arid Environments
Journal of Basic Microbiology
Journal of Biogeography
Journal of Biological Chemistry
Journal of Cell Science
Journal of Chemical Ecology
Journal of Chemical Technology and Biotechnology
Journal of Chromatography
Journal of Ecology, China
Journal of Ecology, UK
Journal of Environmental Biology
Journal of Environmental Engineering
Journal of Environmental Health
Journal of Environmental Management
Journal of Environmental Quality
Journal of Environmental Science and Health, A (Environmental Science and Engineering)
Journal of Environmental Science and Health, B (Pesticides, Food Contaminants, and Agricultural Wastes)
Journal of Experimental Botany
Journal of Fisheries of China
Journal of Fujian Agricultural College
Journal of General and Applied Microbiology
Journal of General Microbiology
Journal of Heredity
Journal of High Resolution Chromatography and Chromatography
Journal of Horticultural Science
Journal of Insect Behavior
Journal of Japanese Society of Grassland Science
Journal of Liquid Chromatography
Journal of Maharashtra Agricultural Universities
Journal of Natural History
Journal of Natural Products
Journal of Nematology
Journal of North-East Forestry University, China
Journal of Occupational Medicine
Journal of Pesticide Science
Journal of Phytopathology
Journal of Plant Growth Regulation
Journal of Plant Nutrition
Journal of Plant Protection in the Tropics
Journal of Production Agriculture
Journal of Range Management
Journal of Research, Assam Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Scientific and Industrial Research
Journal of Shenyang Agricultural University
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Journal of Soil and Water Conservation
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Journal of Taiwan Museum
Journal of the American Mosquito Control Association
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Journal of the Arizona-Nevada Academy of Science
Journal of the Australian Entomological Society
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Journal of the College of Science and Engineering, National Chung Hsing University
Journal of the Fujian Agricultural College
Journal of the Indian Society of Soil Science
Journal of the Institute of Agriculture and Animal Science, Nepal
Journal of the Institute of Brewing, UK
Journal of the Japanese Forestry Society
Journal of the Kansas Entomological Society
Journal of the Korean Society of Grassland Science
Journal of the Lepidopterists' Society
Journal of the Medical Association of Thailand
Journal of the National Science Council of Sri Lanka
Journal of the New York Entomological Society
Journal of the Science of Food and Agriculture
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Journal of the Tussock Grasslands and Mountain Lands Institute
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Journal of Veterinary Medicine, A
Journal of Zoology
Journal, Association of Official Analytical Chemists, USA
Kasetsart Journal, Natural Sciences
Kenya Coffee
Kertgazdaság
Kew Bulletin
Khon Kaen Agricultural Journal
Klinische Wochenschrift
Koedoe
Korean Journal of Applied Entomology
Korean Journal of Crop Science
Kormovye Kul'tury
Landbauforschung Völkenrode
Landbouwmechanisatie
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Lavoura Arrozeira
Lens Newsletter
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Lucrări Ştiinţifice, Institutul Agronomic 'Nicolae Bălcescu', A (Agronomie)
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Madras Agricultural Journal
Madroño
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Malaysian Agricultural Journal
Malezas
MAPPS Newsletter
Marine Environmental Research
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Meditsinskaya Parazitologiya i Parazitarnye Bolezni
Memoirs of the Entomological Society of Canada
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Mezőgazdaság Kemizálása
Microbiological Sciences
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Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem
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Mitteilungen der Gesellschaft für Pflanzenbauwissenschaften
Mitteilungen der Schweizerischen Entomologischen Gesellschaft
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Molecular and General Genetics
Monograph, British Crop Protection Council
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Mutation Research
Mycologia
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Mysore Journal of Agricultural Sciences
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New Phytologist
New Scientist
New York's Food and Life Sciences Quarterly
New Zealand Commercial Grower
New Zealand Journal of Agricultural Research
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New Zealand Journal of Ecology
New Zealand Journal of Experimental Agriculture
New Zealand Journal of Zoology

New Zealand Veterinary Journal
Nigerian Journal of Weed Science
Ningxia Journal of Agro-Forestry Science and Technology
Nogaku Kenkyu
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North Dakota Farm Research
Northwest Environmental Journal
Noticias Agrícolas
Notulae Botanicae, Horti Agrobotanici, Cluj-Napoca
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Növényvédelem
Noyaku Kensasho Hokoku
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Olea
Oléagineux
Opera Botanica
Organic Geochemistry
Oryza
Outlook on Agriculture
Pakistan Journal of Botany
Pakistan Journal of Forestry
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Pamiętnik Puławski
Pan-Pacific Entomologist
Paper, American Society of Agricultural Engineers
Parasitica
Parks & Sports Grounds
Pasturas Tropicales
Peanut Science
Pedobiologia
Pemberitaan, Penelitian Tanaman Industri, Indonesia
Pennsylvania Fruit News
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Pertanika
Pesquisa em Andamento, Empresa de Pesquisa Agropeciária do Estado de Mato Grosso, Brazil
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Pesticide Science
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Pflanzenschutzberichte
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Photosynthesis Research
Physiologia Plantarum
Phytochemistry
Phytoma
Phytomorphology
Phyton, Argentina
Phytoparasitica
Phytopathology
Phytophylactica
Phytoprotection
Plant and Cell Physiology
Plant and Soil
Plant Breeding
Plant Cell
Plant Cell Reports
Plant Disease
Plant Growth Regulator Society of America Quarterly
Plant Material Description, ICRISAT
Plant Pathology
Plant Physiology
Plant Physiology & Biochemistry, India
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Plant Protection
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Plant Quarantine Leaflet, Australia
Plant Research and Development
Plant Science, Irish Republic
Plant, Cell & Environment
Planta
Planta Medica
Planter
Pol'nohospodárstvo
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Polskie Pismo Entomologiczne
Potato Research
Preslia
Presse-Informationen, German Democratic Republic
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Proceedings of the Association for Plant Protection of Kyushu
Proceedings of the Entomological Society of Washington
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Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C: Biological and Medical Sciences
Proceedings of the National Academy of Sciences of the United States of America
Proceedings of the New Zealand Grassland Association
Proceedings of the Royal Irish Academy, B
Proceedings of the Sugar Beet Research Association, Japan
Proceedings, Soil and Crop Science Society of Florida
Proceedings, Virginia Turfgrass Conference and Trade Show
Producţia Animală, Zootehnie şi Medicină Veterinară
Progress in Pesticide Biochemistry and Toxicology
Protoplasma
Public Health
Publicación Técnica, Instituto Nacional de Tecnología Agropecuaria, Estación Experimental Agropecuaria Anguil, Argentina
Publication, Agriculture Canada
Publication, Agriculture Canada, Weed Survey Series
Publication, Central Highlands Rural Development Project, Risabah, Yemen Arab Republic
Punjab Vegetable Grower
Queensland Agricultural Journal
Quick Bibliography Series, US Department of Agriculture
Rachis, Barley and Wheat Newsletter
Rangelands
Rapport, Institutionen för Växtodling, Sveriges Lantbruksuniversitet
Rapport, Norsk Institutt for Skogforskning
Rapporter från Jordbearbetningsavdelningen
Rasteniev"dni Nauki
Rastitel'nye Resursy
Redia
Report of the Kyushu Branch of the Crop Science Society of Japan
Report Series, Arkansas Agricultural Experiment Station
Report, Centre for Agrobiological Research, Netherlands
Report, Hydraulics Research Limited, UK
Reports of the Institute for Agricultural Research, Tohoku University
Reseach Report from the National Institute for Environmental Studies, Japan
Research and Development in Agriculture
Research and Industry
Research Bulletin of Obihiro University, I
Research Bulletin, Department of Agriculture and Livestock, Papua New Guinea
Research Bulletin, Georgia Agricultural Experiment Stations
Research Extension Series, Hawaii Institute of Tropical Agriculture and Human Resources
Research Note, Forest Service, Research Branch, Bray, Irish Republic
Research on Grassland Ecosystem
Research Paper, Northeastern Forest Experiment Station, USDA Forest Service
Research Report from the National Institute for Environmental Studies, Japan
Research Report of the Rural Development Administration, Upland & Industrial Crops, Korea Republic
Research Report, Georgia Agricultural Experiment Stations
Research Report, Investigación Forestal, Cartón de Colombia
Research Report, Mississippi Agricultural and Forestry Experiment Station
Research Reports of the Rural Development Administration, Crop Protection, Korea Republic
Research Reports of the Rural Development Administration, Crops, Korea Republic
Research Reports of the Rural Development Administration, Horticulture, Korea Republic
Researches on Population Ecology
Resultados de Pesquisa, Programma de Pesquisa, Organização das Cooperativas do Estado do Paraná. Brazil
Résumé des Recherches, Station de Recherches de Saint-Jean-sur-Richelieu, Québec
Reviews of Environmental Contamination and Toxicology
Reviews of Weed Science
Revista Agronómica de Manfredi
Revista Ceres
Revista Clínica Española
Revista de Creşterea Animalelor
Revista de Investigación, Centro de Investigaciones para la Regulación de Poblaciones de Organismos Nocivos, Argentina
Revista de la Asociación de Ingenieros Agrónomos del Uruguay
Revista de la Facultad de Agronomía, Universidad de Buenos Aires

Revista de la Facultad de Agronomía, Universidad Nacional de La Plata
Revista del Jardín Botánico Nacional
Revue de l'Agriculture
Revue de Nématologie
Revue Horticole
Revue Suisse d'Agriculture
Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture
Rice Journal
Rivista di Agricoltura Subtropicale e Tropicale
Rivista di Agronomia
Rivista di Ingegneria Agraria
Rivista di Viticoltura e di Enologia
Roczniki Nauk Rolniczych, A (Produkcja Roślinna)
Root Crops Digest
Rostlinná Výroba
Samaru Journal of Agricultural Research
Sbornik Nauchnykh Trudov po Prikladnoĭ Botanike, Genetike i Selektsii
Sbornik Nauchnykh Trudov, Avtomatizatsiya Tekhnologicheskikh Protsessov Rastenievodstva na Base Mikroprotsessorov i Mikroĕvm
Sborník Uvtiz, Ochrana Rostlin
Sborník Vysoká Škola Zemědělská v Praha, Agronomická Fakulta v Českých Budejovicích, Fytotechnická
Sborník Vysoké Školy Zemědělské v Praze, Fakulta Agronomická, A (Rostlinná Výroba)
Sbornúk UVTÚZ, Ochrana Rostlin
Science of the Total Environment
Science, USA
Scientific American
Seed Science and Technology
Seiva
Sel'skokhozyaĭstvennaya Biologiya
Selektsiya i Semenovodstvo, Kiev
Selskostopanska Nauka
Shell Agriculture
Sibirskiĭ Vestnik Sel'skokhozyaĭstvennoĭ Nauki
Silva Fennica
Simiente
Soil & Tillage Research
Soil Biology & Biochemistry
Soil Science
Soil Science Society of America Journal
Sorghum Newsletter
South African Journal of Botany
South African Journal of Plant and Soil
South African Journal of Science
South African Sugar Journal
Southern Journal of Agricultural Economics
Southwestern Entomologist
Southwestern Naturalist
Soviet Agricultural Sciences
Soybean Science
Sozialistische Forstwirtschaft
Special Bulletin, Mississippi Agricultural and Forestry Experiment Station
Special Circular, Ohio Agricultural Research and Development Center
Special Publication, Agronomy Society of New Zealand
SSSA Special Publication, Soil Science Society of America
Staff Paper, Department of Agricultural and Applied Economics, University of Minnesota
Summa Phytopathologica
Surface and Interface Analysis
Sylvatrop
Taiwan Sugar
Tanzania Silviculture Research Note
TARO Newsletter
Tea
Tea Bulletin
Technical Bulletin, Department of Industries and Development, Australia
Technical Bulletin, Faculty of Horticulture, Chiba University
Technical Bulletin, Mississippi Agricultural and Forestry Experiment Station
Technical Bulletin, US Department of Agriculture
Technical Communication, Department of Agriculture and Water Supply, South Africa
Technical Paper, South Pacific Commission
Technique Agricole
Tehqique
Teknologi Padi, MARDI
Tennessee Farm and Home Science
Terra e Sole
Tetrahedron Letters
Thai Journal of Agricultural Science
Theoretical and Applied Genetics
Theoretical Population Biology
Tochigi Prefectural Agricultural Experiment Station
Toxicity Assessment
Toxicology and Applied Pharmacology
Toxicology in Vitro
Toxicology Letters
Toxicon
Transactions of Indian Society of Desert Technology
Transactions of the ASAE, American Society of Agricultural Engineers
Transactions of the British Mycological Society
Transactions of the Illinois State Academy of Science
Transactions of the Royal Society of Edinburgh: Earth Sciences
Transactions of the Wisconsin Academy of Sciences, Arts and Letters
Trends in Genetics
Tropical Agriculture, UK
Tropical Ecology
Tropical Pest Management
Trudy Latviĭskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Trudy Vsesoyuznogo Ĕntomologicheskogo Obshchestva
Turrialba
Tutun
Two and a Bud
Ukraĭns'kiĭ Botanĭchniĭ Zhurnal
UNILEC Informaitons Union Nationale Interproessionalle des Légumes de Conserve, France
United States Patent
Uzbekskiĭ Biologicheskiĭ Zhurnal
Vědeckotechnický Rozvoj v Zemědělství
Vegetable Grower
Venezuela Forestal
Veröffentlichungen der Bundesanstalt für Veröffentlichungen der Bundesanstalt für Alpenländische Landwirtschaft Gumpenstein.
Verslagen en Mededelingen, Commissie voor Hydrologisch Onderzoek TNO
Verslagen en Mededelingen, Plantenziektenkundige Dienst, Wageningen
Verslagen, Centrum voor Agrobiologisch Onderzoek, Wageningen
Veterinaria Argentina
Veterinariya, Moscow
Veterinary and Human Toxicology
Voprosy Ĕkologii i Okhrany Prirody
Water Research
Water, Air, and Soil Pollution
Weed Research, Japan
Weed Research, UK
Weed Science
Weed Technology
Weedwatcher
West Virginia Forestry Notes
Willdenowia
Wissenschaftliche Zeitschrift der Friedrich-Schiller Universität, Jena, Naturwissenschaftliche Reihe
Wissenschaftliche Zeitschrift der Humboldt-Universität zu Berlin, Agrarwissenschaften
Xenobiotica
Zashchita Rasteniĭ, Moscow
Zaštita Bilja
Zbornik Biotehniške Fakultete Univerze Edvarda Kardelja v Ljubljani, Kmetijstvo
Zbornik Radova Prirodno-Matematchkog Faculteta
Zeitschrift für Kulturtechnik und Flurbereinigung
Zeitschrift für Naturforschung, C (Biosciences)
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
Zeitschrift für Vegetationstechnik im Landschafts- und Sportstättenbau
Zemědělská Technika
Zentralblatt für Bakteriologie, Mikrobiologie und Hygiene, B
Zentralblatt für Mikrobiologie
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Sesja Naukowa
Zeszyty Naukowe Akademii Rolniczej w Szczecinie, Rolnictwo
Zhejiang Agricultural Science
Zhejiang Agricultural Sciences
Znanost i Praska u Poljoprivredi i Prehrambenoj Tehnologiji

List of common names and abbreviations employed for currently used herbicides and plant growth regulators in *Weed Abstracts*

Unmarked names are those approved by the International Organization for Standardization (ISO)
An asterisk (*) signifies approval by the British Standards Institution (BSI)
A dagger (†) signifies approval by the Weed Science Society of America (WSSA) or ANSI
A plus (+) signifies trivial or unofficial names

acifluorfen	5-(2-chloro-4-trifluoromethylphenoxy)-2-nitrobenzoic acid
aclonifen	2-chloro-6-nitro-3-phenoxyaniline
acrolein*	acrylaldehyde
alachlor	α-chloro-2′,6′-diethyl-*N*-(methoxymethyl)acetanilide
allidochlor	*N,N*-dially-2-chloroacetamide
alloxydim	2-[1-(*N*-allyloxyamino)butylidene]-4-methoxycarbonyl-5,5-dimethylcyclohexane-1,3-dione
alorac	(*Z*)-2,3,5,5,5-pentachloro-4-oxopent-2-enoic acid
ametridione	1-amino-6-ethylthio-3-neopentyl-1,3,5-triazine-2,4-dione
ametryn	4-ethylamino-6-isopropylamino-2-methylthio-1,3,5-triazine
amibuzin	6-*tert*-butyl-3-dimethylamino-4-methyl-1,2,4-triazin-5(4*H*)-one
amitrole	3-amino-1,2,4-triazole
amiprofos-methyl	*O*-methyl *O*-(4-methyl-2-nitrophenyl)*N*-isopropylphosphoramidothioate
ammonium sulfamate	ammonium sulfamate
ancymidol	α-cyclopropyl-4-methoxy-α-pyrimidin-5-ylbenzyl alcohol
anilofos	*S*-4-chloro-*N*-isopropylcarbaniloylmethyl *O,O*-dimethyl phosphorodithioate
asulam	methyl(4-aminobenzenesulfonyl)carbamate
atraton	4-ethylamino-6-isopropylamino-2-methoxy-1,3,5-triazine
atrazine	2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine
aziprotryne	2-azido-4-isopropylamino-6-methylthio-1,3,5-triazine
barban	4-chlorobut-2-ynyl-*N*-(3-chlorophenyl)carbamate
benazolin	4-chloro-2-oxobenzothiazolin-3-ylacetic acid
benfluralin	*N*-butyl-*N*-ethyl-2,6-dinitro-4-trifluoromethylaniline
benfuresate	2,3-dihydro-3,3-dimethylbenzofuran-5-yl ethanesulfonate
bensulfuron	α-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-*o*-toluic acid
bensulide	*O,O*-di-isopropyl *S*-2-benzenesulfonamidoethyl phosphorodithioate
bentazone	3-isopropyl-2,1,3-benzothiadiazin-4-one 2,2-dioxide
benzadox*	benzamido-oxyacetic acid
benzipram	*N*-benzyl-*N*-isopropyl-3,5-dimethylbenzamide
benzofenap	2-[4-(2,4-dichloro-*m*-toluoyl)-1,3-dimethylpyrazol-5-yloxy]-4′-methylacetophenone
benzoylprop-ethyl	ethyl *N*-benzoyl-*N*-(3,4-dichlorophenyl)-2-aminopropionate
benzthiazuron	*N*-(benzothiazol-2-yl)-*N*-methylurea
bifenox	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bilanafos	4-[hydroxy(methyl)phosphinoyl]-L-homoalanyl-L-alanyl-L-alanine
bromacil	5-bromo-6-methyl-3-(1-methyl-n-propyl)uracil
bromobutide	(*RS*)-2-bromo-*N*-(α,α-dimethylbenzyl)-3,3-dimethylbutyramide
bromofenoxim	3,5-dibromo-4-hydroxybenzaldehyde 2,4-dinitrophenyloxime
bromoxynil	3,5-dibromo-4-hydroxybenzonitrile
buminafos	dibutyl 1-butylaminocyclohexylphosphonate
butachlor	*N*-(butoxymethyl)-α-chloro-2,6-diethylacetanilide
butamifos	*O*-ethyl *O*-(5-methyl-2-nitrophenyl) *N*-s-butylphosphoramidothioate
butenachlor	(*Z*)-*N*-but-2-enyloxymethyl-2-chloro-2′,6′-diethylacetanilide
buthidazole	4-hydroxy-1-methyl-3-(2-t-butyl-1,3,4-thiadiazol-5-yl)imidazolidin-2-one
buthiuron	*N*′-(5-butylsulfonyl-1,3,4-thiadiazol-2-yl)-*N,N*′-dimethylurea
butralin	*N*-s-butyl-4-t-butyl-2,6-dinitroaniline
buturon	*N*′-(4-chlorophenyl)-*N*-(1-methylprop-2-ynyl)-*N*-methylurea
butylate	*S*-ethyl *N,N*-di-isobutyl(thiocarbamate)
cambendichlor	2,2′-(phenylimino)diethylene bis(3,6-dichloro-2-methoxybenzoic acid)
carbetamide	D-*N*-ethyl-2-(phenylcarbamoyloxy)propionamide
chlomethoxyfen	5-(2,4-dichlorophenoxy)-2-nitroanisole
chloramben	3-amino-2,5-dichlorobenzoic acid

chloranocryl	*N*-(3,4-dichlorophenyl)methacrylamide
chlorazifop	2-(4-(3,5-dichloro-2-pyridyloxy)phenoxy)propionic acid
chlorbromuron	*N'*-(4-bromo-3-chlorophenyl)-*N*-methoxy-*N*-methylurea
chlorbufam	1-methylprop-2-ynyl *N*-(3-chlorophenyl)carbamate
chloreturon	*N'*-(3-chloro-4-ethoxyphenyl)-*N,N*-dimethylurea
chlorfenac	2,3,6-trichlorophenylacetic acid
chlorfenprop-methyl	methyl 2-chloro-3-(4-chlorophenyl)propionate
chlorflurenol	2-chloro-9-hydroxyfluorene-9-carboxylic acid
chlorfluren	2-chlorofluorene-9-carboxylic acid
chloridazon	5-amino-4-chloro-2-phenylpyridazin-3(2*H*)-one
chlorimuron	2-(4-chloro-6-methoxypyrimidin-2-ylcarbamoyl-sulphamoyl)benzoic acid
chlormequat	2-chloroethyltrimethylammonium chloride
chlornitrofen	4-nitrophenyl 2,4,6-trichlorophenyl ether
chlorotoluron	*N'*-(3-chloro-4-methylphenyl)-*N,N*-dimethylurea
chloroxuron	*N*-4-(4-chlorophenoxy)phenyl-*N,N*-dimethylurea
chlorpropham	isopropyl *N*-(3-chlorophenyl)carbamate
chlorsulfuron	*N'*-(2-chlorobenzenesulfonyl)-*N*-(4-methoxy-6-methyl-1,3,5-triazin-1-yl)urea
chlorthal-dimethyl	dimethyl 2,3,5,6-tetrachloroterephthalate
chlorthiamid	2,6-dichlorothiobenzamide
cinmethylin	(1*R*,2*S*,4*S*)-1,4-epoxy-*p*-menth-2-yl 2-methylbenzyl ether
cisanilide†	2,5-dimethyl-1-pyrrolidinecarboxanilide
cliodinate	2-chloro-3,5-di-iodo-4-pyridyl acetate
clomazone	2-[(2-chlorophenyl)methyl]-4,4-dimethyl-3-isoxazolidinone
clomeprop	(*RS*)-2-(2,4-dichloro-*m*-tolyloxy)propionanilide
cloprop	2-(3-chlorophenoxy)propionic acid
cloproxydim	(±)-2-[1-(3-chloroallyloxyimino)butyl]-5-(2-ethylthiopropyl-3-hydroxycyclohex-2-enone
clopyralid	3,6-dichloropyridine-2-carboxylic acid
4-CPA	4-chlorophenoxyacetic acid
cyanatryn	4-(1-cyano-1-methylethylamino)-6-ethylamino-2-methylthio-1,3,5-triazine
cyanazine	2-chloro-4-(1-cyano-1-methylethylamino)-6-ethylamino-1,3,5-triazine
cycloate	*S*-ethyl *N*-cyclohexyl-*N*-ethyl-(thiocarbamate)
cycloxydim	(*RS*)-2-[1-(ethoxyimino)butyl]-3-hydroxy-5-thian-3-ylcyclohex-2-enone
cycluron	*N'*-cyclo-octyl-*N,N*-dimethylurea
cyometrinil	(*Z*)-α-(cyanomethoxyimino)benzeneacetonitrile
cyperquat	1-methyl-4-phenylpyridinium
cyprazine	2-chloro-4-cyclopropylamino-6-isopropylamino-1,3,5-triazine
cyprazole	*N*-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]cyclopropanecarboxamide
cypromid	3,4-dichlorocyclopropanecarboxanilide
2,4-D	2,4-dichlorophenoxyacetic acid
daimuron	1-(1-methyl-1-phenylethyl)-3-*p*-tolylurea
dalapon	2,2-dichloropropionic acid
daminozide	*N*-dimethylaminosuccinamic acid
dazomet	3,4,5,6-tetrahydro-3,5-dimethyl-1,3,5-thiadiazine-2-thione
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
delachlor	α-chloro-*N*-(isobutoxymethyl)-2',6'-acetxylidide
desmedipham	3-(ethoxycarbonylamino)phenyl *N*-phenylcarbamate
desmetryn	4-isopropylamino-6-methylamino-2-methylthio-1,3,5-triazine
di-allate	*S*-2,3-dichloroallyl *N,N*-di-isopropyl(thiocarbamate)
dicamba	3,6-dichloro-2-methoxybenzoic acid
dichlobenil	2,6-dichlorobenzonitrile
dichlone	2,3-dichloro-1,4-naphthoquinone
dichloralurea	dichloral urea
dichlorflurenol	2,7-dichloro-9-hydroxyfluorene-9-carboxylic acid
dichlormate	3,4-dichlorobenzyl *N*-methylcarbamate
dichlorprop	(±)-2-(2,4-dichlorophenoxy)propionic acid
diclofop	2-[4-(2,4-dichlorophenoxy)phenoxy]propionic acid
diethamquat	1,1'-di(diethylcarbamoylmethyl)-4,4'-bipyridyl-1,1'-diylium
diethatyl	*N*-chloroacetyl-*N*-(2,6-diethylphenyl)aminoacetic acid
difenopenten	4-[4-(4-trifluoromethylphenoxy]pent-2-enoic acid
difenoxuron	*N'*-4(4-methoxyphenoxy)-*N,N*-dimethylurea
difenzoquat	1,2-dimethyl-3,5-diphenylpyrazolium
diflufenican	2',4'-difluoro-2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide
dikegulac	2,3:4,6-di-*O*-isopropylidene-α-L-xylo-2-hexulofuranosonic acid
dimefuron	4-[2-chloro-4-(3,3-dimethylureido)phenyl]-2-t-butyl-1,3,4-oxadiazolin-5-one
dimepiperate	*S*-1-methyl-1-phenylethyl piperidine-1-carbothioate

dimethachlor	α-chloro-*N*-(2-methoxyethyl)-2′,6′-acetxylidide
dimethametryn	2-(1,2-dimethylpropylamino)-4-ethylamino-6-methylthio-1,3,5-triazine
dimexano	*O,O*-diethyl dithiobis(thioformate)
dimidazon	4,5-dimethoxy-2-phenylpyridazin-3(2*H*)-one
dinitramine	N^1,N^1-diethyl-2,6-dinitro-4-trifluoromethyl-*m*-phenylenediamine
dinoseb	2-(1-methylpropyl)-4,6-dinitrophenol
dinoterb	4,6-dinitro-2-t-butylphenol
diphenamid	*N,N*-dimethyl-α,α-diphenylacetamide
dipropetryn	2-ethylthio-4,6-di(isopropylamino)-1,3,5-triazine
diquat	9,10-dihydro-8a,10a-diazoniaphenanthrene
disul	2-(2,4-dichlorophenoxy)ethyl hydrogen sulfate
diuron	*N′*-(3,4-dichlorophenyl)-*N,N*-dimethylurea
DNOC	2-methyl-4,6-dinitrophenol
DSMA†	disodium methylarsonate
eglinazine	*N*-(4-chloro-6-ethylamino-1,3,5-triazin-2-yl)aminoacetic acid
endothal*	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
epronaz	1-(*N*-ethyl-*N*-propylcarbamoyl)-3-propylsulfonyl-1,2,4-triazole
EPTC	*S*-ethyl *N,N*-dipropyl(thiocarbamate)
erbon	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
esprocarb	*S*-benzyl 1,2-dimethylpropyl(ethyl)thiocarbamate
etacelasil	2-chloroethyltri-(2-methoxyethoxy)silane
ethalfluralin	*N*-ethyl-*N*-(2-methylallyl)-2,6-dinitro-4-trifluoromethylanilline
ethephon†	2-chloroethylphosphonic acid
ethidimuron	*N′*-(5-ethylsulfonyl-1,3,4-thiadiazol-2-yl)-*N,N′*-dimethylurea
ethiolate	*S*-ethyl diethylthiocarbamate
ethofumesate	2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methylsulfonate
etnipromid	(±)-2-[5-(2,4-dichlorophenoxy)-2-nitrophenoxyl]-*N*-ethylpropionamide
fenasulam	methyl 4-[2-(4-chloro-*o*-tolyloxy)acetamido]phenylsulfonylcarbamate
fenclorim	4,6-dichloro-2-phenylpyrimidine
fenoprop	(±)-2-(2,4,5-trichlorophenoxy)propionic acid
fenoxaprop	(*RS*)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxyl]propionic acid
fenridazon	1-(4-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylic acid
fenteracol	2-(2,4,5-trichlorophenoxy)ethanol
fenthiaprop	(*RS*)-2-[4-(6-chloro-1,3-benzothiazol-2-yloxy)phenoxy]propionic acid
fenuron	*N,N*-dimethyl-*N′*-phenylurea
flamprop	(±)-2-(*N*-benzoyl-3-chloro-4-fluoroanilino)propionic acid
flazasulfuron	1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-trifluoromethyl-2-pyridylsulfonyl)urea
fluazifop	(±)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid
fluchloralin	*N*-(2-chloroethyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)aniline
flufenican	2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide
fluometuron	*N′*-(3-trifluoromethylphenyl)-*N,N*-dimethylurea
fluoridamid	3-trifluoromethylsulfonamidoacet-*p*-toluidide
fluorodifen	4-nitrophenyl 2-nitro-4-trifluoromethylphenyl ether
fluoroglycofen	[5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoyloxy]acetic acid
fluoromidine	6-chloro-2-trifluoromethyl-3*H*-imidazo[4,5-*b*]pyridine
fluoronitrofen	2,4-dichloro-6-fluorophenyl 4-nitrophenyl ether
fluothiuron	*N*-(3-chloro-4-chlorodifluoromethylthiophenyl)-*N′,N′*-dimethylurea
flupropanat	2,2,3,3-tetrafluoropropionic acid
flurenol	9-hydroxyfluorene-9-carboxylic acid
fluridone	1-methyl-3-phenyl-5-(3-trifluoromethylphenyl)pyridin-4-one
flurochloridone	(3*RS*,4*RS*;3*RS*,4*SR*)-3-chloro-4-chloromethyl-1-(α,α,α-trifluoro-*m*-tolyl)-2-pyrrolidone
fluroxypyr	4-amino-3,4-dichloro-6-fluoro-2-pyridyloxyacetic acid
flurtamone	(±)-5-methylamino-2-phenyl-4-(α,α,α-trifluoro-*m*-tolyl)furan-3(2*H*)-one
fomesafen	2-chloro-4-trifluoromethylphenyl 3-methylphenylcarbamoyl-4-nitrophenyl ether
fosamine	ethyl hydrogen carbamoylphosphonate
furyloxyfen	(±)-5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrophenyl tetrahydro-3-furyl ether
gibberellic acid*	gibberellic acid
glufosinate	DL-homoalanin-4-yl(methyl)phosphinic acid
glyphosate	*N*-(phosphonomethyl)glycine

glyphosine	*N,N*-bis(phosphonomethyl)glycine
halosafen	5-(2-chloro-α,α,α,6-tetrafluoro-*p*-tolyloxy)-*N*-ethylsulfonyl-2-nitrobenzamide
haloxydine	3,5-dichloro-2,6-difluoro-4-hydroxypyridine
haloxyfop	(*RS*)-2-[4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid
hexaflurate†	potassium hexafluoroarsenate
hexazinone	3-cyclohexyl-6-dimethylamino-1-methyl-1,3,5-triazine-2,4-dione
holosulf	(2-chloroethyl)sulfinic acid
IAA+	indolylacetic acid
IBA+	indolylbutyric acid
imazamethabenz	(±)-6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*m*-toluic acid, and (±)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*p*-toluic acid
imazapyr	(*RS*)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid
imazaquin	2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)quinoline-3-carboxylic acid
imazethapyr	5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid
ioxynil	4-hydroxy-3,5-di-iodobenzonitrile
isocarbamid	*N*-isobutylimidazolidin-2-one-1-carboxamide
isomethiozin	4-(isobutylideneamino)-3-methylthio-6-t-butyl-1,2,4-triazine-5-one
isopolinate	*S*-isopropyl perhydroazepine-1-carbothioate
isopropalin	4-isopropyl-2,6-dinitro-*N,N*-dipropylaniline
isoproturon	*N'*-(4-isopropylphenyl)-*N,N*-dimethylurea
isopyrimol	4-chloro-α-isopropyl-α-(pyrimidin-5-yl)benzyl alcohol
isouron	*N'*-(5-butylisoxazol-3-yl)-*N,N*-dimethylurea
isoxaben	*N*-[3-(ethyl-1-methylpropyl)isoxazol-5-yl]-2,6-dimethoxybenzamide
karbutilate	*m*-(3,3-dimethylureido)phenyl t-butylcarbamate
lenacil	3-cyclohexyl-6,7-dihydro-1*H*-cyclopentapyrimidine-2,4(3*H*,5*H*)-dione
linuron	*N'*-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methylurea
maleic hydrazide	1,2,3,6-tetrahydro-3,6-dioxopyridazine
MAMA†	monoammonium methylarsonate
MCPA	4-chloro-2-methylphenoxyacetic acid
MCPB	4-(4-chloro-2-methylphenoxy)butyric acid
mecoprop	(±)-2-(4-chloro-2-methylphenoxy)propionic acid
medinoterb	4,6-dinitro-5-methyl-2-t-butylphenol
mefenacet	2-(1,3-benzothiazol-2-yloxy)-*N*-methylacetanilide
mefluidide	5-trifluoromethylsulfonylamino-2',4'-acetxylidide
mepiquat	1,1-dimethylpiperidinium ion
metamitron	4-amino-3-methyl-6-phenyl-1,2,4-triazin-5(4*H*)-one
metazachlor	α-chloro-*N*-(1-pyrazolylmethyl)acet-2',6'-xylidide
metflurazon	4-chloro-5-(dimethylamino)-2-(3-trifluoromethylphenyl)pyridazin-3(2*H*)-one
methabenzthiazuron	*N*-(benzothiazol-2-yl)-*N,N'*-dimethylurea
methalpropalin	*N*-methylally-2,6-dinitro-*N*-propyl-4-trifluoromethylaniline
metham*	*N*-methyldithiocarbamic acid
methazole*	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
methiobencarb	*S*-(4-methoxybenzyl) *N,N*-diethylthiocarbamate
methometon	2-methoxy-4,6-bis(3-methoxypropylamino)-1,3,5-triazine
methoprotryne	4-isopropylamino-6-(3-methoxypropylamino)-2-methylthio-1,3,5-triazine
metobromuron	*N'*-(4-bromophenyl)-*N*-methoxy-*N*-methylurea
metolachlor	α-chloro-6-ethyl-*N*-(2-methoxy-1-methylethyl)-*o*-acetoluidide
metoxuron	*N'*-(3-chloro-4-methoxyphenyl)-*N,N*-dimethylurea
metribuzin	4-amino-6-t-butyl-3-(methylthio)-1,2,4-triazin-5(4*H*)-one
metsulfuron	2-[3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)ureidosulfonyl]benzoic acid
molinate	*S*-ethyl *N,N*-hexamethylene(thiocarbamate)
monalide	*N*-(4-chlorophenyl)-2,2-dimethylvaleramide
monisouron	1-(5-*tert*-butylisoxazol-3-yl)-3-methylurea
monolinuron	*N'*-(4-chlorophenyl)-*N*-methoxy-*N*-methylurea
monuron	*N'*-(4-chlorophenyl)-*N,N*-dimethylurea
morfamquat	1,1-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4'-bipyridylium
MSMA†	monosodium methylarsonate
NAA+	1-naphthylacetic acid
napropamide	*N,N*-diethyl-2-(α-naphthoxy)propionamide
naptalam	*N*-1-naphthylphthalamic acid
neburon	*N*-butyl-*N'*-(3,4-dichlorophenyl)-*N*-methylurea
nitralin	4-(methylsulfonyl)-2,6-dinitro-*N,N*-dipropylaniline

nitrofen	2,4-dichlorophenyl 4-nitrophenyl ether
nitrofluorfen	2-chloro-4-trifluoromethylphenyl 4-nitrophenyl ether
norflurazon	4-chloro-5-methylamino-2-(3-trifluoromethylphenyl)pyridazin-3-one
noruron	*N'*-(hexahydro-4,7-methanoindan-5-yl)-*N,N*-dimethylurea
orbencarb	*S*-2-chlorobenzyl diethylthiocarbamate
oryzalin	3,5-dinitro-N^4N^4-dipropylsulfanilamide
oxadiazon	3-(2,4-dichloro-5-isopropoxyphenyl)-5-t-butyl-1,3,4-oxadiazolin-2-one
oxyfluorfen	2-chloro-4-trifluoromethylphenyl 3-ethoxy-4-nitrophenyl ether
paraquat	1,1'-dimethyl-4,4'-bipyridylium
pebulate	*S*-propyl *N*-butyl-*N*-ethyl(thiocarbamate)
pentachlorophenol	pentachlorophenol
pendimethalin	*N*-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine
pentanochlor	*N*-(3-chloro-4-methylphenyl)-2-methylpentanamide
perfluidone	4'-(phenylsulfonyl)trifluoromethylsulfono-*o*-toluidide
phenisopham	3-isopropoxycarbonylaminophenyl *N*-ethyl-*N*-phenylcarbamate
phenmedipham	3-(methoxycarbonylamino)phenyl *N*-(3-methylphenyl)carbamate
phenmedipham-ethyl	3-ethoxycarbonylaminophenyl *N*-(3-methylphenyl)carbamate
phenobenzuron	*N'*-benzoyl-*N'*-(3,4-dichlorophenyl)-*N,N*-dimethylurea
picloram	4-amino-3,5,6-trichloropicolinic acid
piperophos	*S*-2-methyl-1-piperidylcarbonylmethyl *O,O*-di-n-propylphosphorodithioate
piproctanyl	1-ally-1-(3,7-dimethyloctyl)piperidinium ion
pretilachlor	α-chloro-2,6-diethyl-*N*-(2-propoxyethyl)acetanilide
procyazine	2-chloro-4-(1-cyano-1-methylethylamino)-6-cyclopropylamino-1,3,5-triazine
prodiamine	2,6-dinitro-N^1,N^1-dipropyl-4-trifluoromethyl-*m*-phenylenediamine
profluralin	*N*-(cyclopropylmethyl)-2,6-dinitro-*N*-propyl-4-trifluoromethylaniline
proglinazine	*N*-(4-chloro-6-isopropylamino-1,3,5-triazin-2-yl)aminoacetate
prometon	4,6-bisisopropylamino-2-methoxy-1,3,5-triazine
prometryn	2,4-bis(isopropylamino)-6-methylthio-1,3,5-triazine
propachlor	α-chloro-*N*-isopropylacetanilide
propanil	*N*-(3,4-dichlorophenyl)propionamide
propaquizafop	2-isopropylideneamino-oxyethyl (*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate
propazine	2-chloro-4,6-bisisopropylamino-1,3,5-triazine
propham	isopropyl *N*-phenylcarbamate
propyzamide	3,5-dichloro-*N*-(1,1-dimethylpropynyl)benzamide
prosulfalin	*N*-(4-dipropylamino-3,5-dinitrophenylsulfonyl)-*S,S*-dimethylsulfimide
prynachlor	2-chloro-*N*-(1-methyl-2-propynyl)acetanilide
pydanon	(±)-hexahydro-4-hydroxy-3,6-dioxopyridazin-4-ylacetic acid
pyrazolynate	4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl toluene-4-sulfonate
pyrazosulfuron	5-(4,6-dimethoxyypyrimidin-2-ylcarbamoylsulphamoyl)-1-methylpyrazole-4-carboxylic acid
pyrazoxyfen	2-[4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone
pyributicarb	*O*-3-*tert*-butylphenyl 6-methoxy-2-pyridyl(methyl)thiocarbamate
pyridate	octyl *O*-(6-chloro-3-phenylpyridazin-4-yl)carbonothioate
quinclorac	3,7-dichloroquinoline-8-carboxylic acid
quinmerac	7-chloro-3-methylquinoline-8-carboxylic acid
quinoclamine	2-amino-3-chloro-1,4-naphthoquinone
quinonamid	3-chloro-2-dichloroacetamido-1,4-naphthoquinone
quizalofop	(*RS*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid
sebuthylazine	2-chloro-4-ethylamino-6-*s*-butylamino-1,3,5-triazine
secbumeton	4-ethylamino-2-methoxy-6-*s*-butylamino-1,3,5-triazine
sethoxydim	(±)2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
siduron	*N*-(2-methylcyclohexyl)-*N*-phenylurea
simazine	2-chloro-4,6-bisethylamino-1,3,5-triazine
simetryn	2,4-bis(ethylamino)-6-methylthio-1,3,5-triazine
SMA+	sodium monochloroacetate
sulfallate	2-chloroally *N,N*-diethyldithiocarbamate
sulfometuron	2-[3-(4,6-dimethylpyrimidin-2-yl)ureidosulfonyl]benzoic acid
sulglycapin	azepan-1-ylcarbonylmethyl methylsulfamate
swep†	methyl *N*-(3,4-dichlorophenyl)carbamate
2,4,5-T	2,4,5-trichlorophenoxyacetic acid
2,4,5-TB	4-(2,4,5-trichlorophenoxy)butyric acid
2,3,6-TBA	2,3,6-trichlorobenzoic acid
TCA	trichloroacetic acid
tebuthiuron	*N,N'*-dimethyl-*N*-(5-t-butyl-1,3,4-thiadiazol-2-yl)urea

tebutam	*N*-benzyl-*N*-isopropylpivalamide
terbacil	5-chloro-6-methyl-3-t-butyluracil
terbucarb	2,6-di-t-butyl-*p*-tolyl *N*-methylcarbamate
terbuchlor	*N*-butoxymethyl-α-chloro-6-t-butyl-*o*-acetoluidide
terbumeton	4-ethylamino-2-methoxy-6-t-butylamino-1,3,5-triazine
terbuthylazine	2-chloro-4-ethylamino-6-t-butylamino-1,3,5-triazine
terbutryn	2-*tert*-butylamino-4-ethylamino-6-methylthio-1,3,5-triazine
tetrafluron	*N,N*-dimethyl-*N'*-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiazafluron	1,3-dimethyl-1-(5-trifluoromethyl-1,3,4-thiadiazol-2-yl)urea
thidiazuron	*N*-phenyl-*N'*-(1,2,3-thiadiazol-5-yl)urea
thiobencarb	*S*-(4-chlorobenzyl) *N,N*-diethylthiocarbamate
TIBA+	2,3,5-triiodobenzoic acid
tiocarbazil	*S*-benzyl di(*sec*-butyl)thiocarbamate
tralkoxydim	2-[1-(ethoxyimino)propyl]-3-hydroxy-5-mesitylcyclohex-2-enone
tri-allate	*S*-2,3,3-trichloroally *N,N*-di-isopropyl(thiocarbamate)
triapenthenol	(*E*)-(*RS*)-1-cyclohexyl-4,4-dimethyl-2-(1*H*-1,2,4-triazol-1-yl)pent-1-en-3-ol
triasulfuron	1-[2-(2-chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea
triazofenamide	5-phenyl-1-*m*-tolyl-1*H*-1,2,4-triazole-3-carboxamide
triclopyr	3,5,6-trichloro-2-pyridyloxyacetic acid
tridiphane	(±)-2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trietazine	2-chloro-4-diethylamino-6-ethylamino-1,3,5-triazine
trifluralin	2,6-dinitro-*N,N*-dipropyl-4-trifluoromethylaniline
trifop	2-[4-(4-trifluoromethylphenoxy)phenoxy]propionic acid
trifopsime	acetone (*R*)-*O*-(2-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]propionyl)oxime
trimeturon*	*N'*-(4-chlorophenyl)-*O,N,N*-trimethylisourea
tripropindan	6-isopropyl-1,1,4-trimethyl-5-propionylindane
vernolate	*S*-propyl *N,N*-dipropyl(thiocarbamate)

CAB INTERNATIONAL INFORMATION SERVICES
PRODUCTS AND SERVICES

Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

HARD COPY PRODUCTS

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The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

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Veterinary Science and Parasitic Diseases
Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.

Crop Science and Production
Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Wheat, Barley & Triticale Abstracts.

Forestry
Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.

Crop Protection
Biocontrol News & Information; Nematological Abstracts; Review of Agricultural Entomology; Review of Plant Pathology; Weed Abstracts.

Economics, Development and Sociology
Leisure, Recreation & Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics & Rural Sociology Abstracts.

Machinery and Buildings
Agricultural Engineering Abstracts.

Human Nutrition
Nutrition Abstracts & Reviews, Series A-Human & Experimental.

Biotechnology/Biodeterioration
AgBiotech News & Information; Biodeterioration Abstracts.

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OTHER PRODUCTS AND SERVICES

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The Organization
CAB International (CABI) is an international, intergovernmental organization registered with the United Nations. It is owned and administered by its member governments; these currently number 29, but membership is open to all governments who wish to participate. Established in 1928, the organization provides information, scientific, and development services for agriculture and allied disciplines throughout the world.

Information Services
The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature (ca 10,000 serials and over 5,000 other publications annually) for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

- Agricultural Economics
- Animal Breeding & Genetics
- Animal Health
- Dairy Science & Technology
- Nutrition
- Pastures & Field Crops
- Crop Protection
- Horticulture & Plantation Crops
- Plant Breeding & Genetics
- Soils
- Forestry

Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services world-wide (see inside back cover for details).

Scientific Services
CABI's Scientific Services consist of four institutes and two support services:

CAB International Institute of Entomology (CIE), Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

CAB International Mycological Institute (CMI), Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

CAB International Institute of Parasitology (CIP), Director Dr R. Muller, located at Winches Farm, St Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

CAB International Institute of Biological Control (CIBC), Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

Development Services, (CDS), Head Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services.

Library Services, Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

Systems
The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilties. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and information retrieval and PAGER for typesetting.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

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